INTERNATIONAL SEARCH REPORT

International Application No T/EP2004/012146

40.00	 T/EP2004,
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01P5/18	

According to International Patent Classification (IPC) or to both national dassification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01P H03H H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fleids searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, WPI Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Cliation of document, with indication, where appropriate, of the r	e levant passages	Relevant to claim No.
A	US 5 148 132 A (CHAPELL ET AL) 15 September 1992 (1992-09-15) column 1, line 52 - column 2, li figure 4 column 4, line 1 - line 22	1	
Α	US 3 654 570 A (CALVIN J. THOMAS 4 April 1972 (1972-04-04) column 2, line 32 - line 56; fig	1	
А	DE 23 50 186 A1 (SIEMENS AG; SIE 1000 BERLIN UND 8000 MUENCHEN) 24 April 1975 (1975-04-24) page 7, line 7 - line 21; figure	1	
X Furi	her documents are listed in the continuation of box C.	χ Patent family members are listed	In annex.
* Special ca *A* docume consid *E* earlier of liling of the citation *O* docume other of the citation of th	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"T" later document published after the interpretation or priority date and not in contlict with cited to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot have an inventive step when the decimal of particular relevance; the cannot be considered to involve an indocument is combined with one or not ments, such combined with one or not be after the after the after the same patent. "8" document member of the same patent.	h the application but nearly underlying the claimed invention of the considered to occurrent is taken alone claimed invention nivention invention and the core other such docupous to a person skilled
	actual completion of the International search	Date of mailing of the international se	
3	1 January 2005	07/02/2005	
Name and r	nalling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Pastor Jiménez,	J~V

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